



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Delbert Tsar  
Serial No. 10/714,183  
Filing Date: November 14, 2003  
Group Art Unit: 3681  
Examiner: Pang, Roger L.  
Title: STANDARDIZED ROTARY ACTUATOR

Mail Stop: Amendments  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certification Under 37 C.F.R. 1.8****Date of Mailing: January 12, 2005**

I hereby certify that this correspondence is being deposited with the United States Postal Service via First Class Mail with sufficient postage for mailing under 37 CFR § 1.8 on the date indicated above and addressed to the Mail Stop: Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Rebecca J. Morrison

**AMENDMENT**

Dear Sir:

In response to the Office Action mailed July 12, 2004, amend the above-identified application as follows:

**Amendments to the Drawings:** Amendments to the drawings have been made and are attached with this paper.

**Amendments to the Specification:** In the Specification, on Page 19, Lines 7 and 8, please change reference numeral "218" to reference numeral "318."

An amendment, as requested, has been made and is included on Page 2 of this paper.

**Amendments to the Claims:** Amendments to the Claims are reflected in the listing of claims which also begins on Page 3 of this paper.

**Remarks:** Applicant's Remarks begin on Page 6 of this paper.

Applicant hereby requests a three-month extension of time, to and including January 12, 2005, to respond to this Office Action.

Figure 3 depicts a cutaway isometric of a rotary actuator 300 incorporating an eccentric hypocyclic gear train. Rotary actuator 300 incorporates a central stationary shaft 330 holding support bearings 328 that support the rotating motor armature 320 that drives the eccentric 318. Support bearings 314 on the eccentric 318 drive the wobble cylinder, which contains the planetary gears 310 and 312 that mesh with the bull gear 304 and sun gear 306 separated by the principal cross roller bearing 308.